

Massachusetts HIV/AIDS Surveillance Program

TRENDS IN MASSACHUSETTS AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 09/01/2008

Mode of Exposure	<=1998	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
Male Sex w/Male	5,982 39.3%	238 25.1%	179 22.3%	172 24.0%	174 24.9%	147 24.5%	166 25.5%	173 27.8%	181 32.9%	7,578 35.5%
Injection Drug Use	5,269 34.6%	380 40.1%	277 34.6%	215 29.9%	196 28.0%	173 28.8%	162 24.9%	159 25.6%	97 17.6%	7,028 32.9%
MSM & IDU	667 4.4%	32 3.4%	19 2.4%	32 4.5%	26 3.7%	18 3.0%	24 3.7%	18 2.9%	16 2.9%	864 4.0%
Rec. of blood/prod.	347 2.3%	2 0.2%	4 0.5%	4 0.6%	3 0.4%	2 0.3%	2 0.3%	0 0.0%	1 0.2%	365 1.7%
Heterosexual	1,409 9.3%	112 11.8%	135 16.9%	110 15.3%	115 16.5%	85 14.2%	83 12.7%	86 13.8%	75 13.6%	2,275 10.7%
Sex w/IDU	680 4.5%	45 4.8%	57 7.1%	39 5.4%	43 6.2%	31 5.2%	30 4.6%	27 4.3%	31 5.6%	1,004 4.7%
Sex w/Bi Male	39 0.3%	0 0.0%	2 0.2%	0 0.0%	1 0.1%	0 0.0%	2 0.3%	0 0.0%	0 0.0%	44 0.2%
Sex w/bld/prdt recip.	35 0.2%	1 0.1%	2 0.2%	0 0.0%	2 0.3%	1 0.2%	0 0.0%	1 0.2%	0 0.0%	43 0.2%
Sex w/HIV/AIDS	655 4.3%	66 7.0%	74 9.2%	71 9.9%	69 9.9%	53 8.8%	51 7.8%	58 9.3%	44 8.0%	1,184 5.5%
Undetermined/Other	1,325 8.7%	180 19.0%	181 22.6%	176 24.5%	178 25.5%	168 28.0%	206 31.6%	182 29.3%	176 32.0%	2,945 13.8%
Presumed Hetero-Unk risk of partner***	827 5.4% 0.0%	154 16.3% 0.0%	147 18.4% 0.0%	131 18.2% 0.0%	133 19.0% 0.0%	110 18.3% 0.0%	140 21.5% 0.0%	120 19.3% 0.0%	127 23.1% 0.0%	2,002 9.4% 0.0%
Undetermined/Other****	498 3.3%	26 2.7%	34 4.2%	45 6.3%	45 6.4%	58 9.7%	66 10.1%	62 10.0%	49 8.9%	943 4.4%
Pediatric	220 1.4%	3 0.3%	6 0.7%	9 1.3%	7 1.0%	7 1.2%	8 1.2%	4 0.6%	4 0.7%	281 1.3%
TOTAL (% of total)	15,219 71.3%	947 4.4%	801 3.8%	718 3.4%	699 3.3%	600 2.8%	651 3.1%	622 2.9%	550 2.6%	21,336 100.0%

TRENDS IN BOSTON AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 09/01/2008 &

Mode of Exposure	<=1998	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
Male Sex w/Male	2,502 49.4%	79 35.9%	67 30.2%	57 31.3%	61 32.4%	46 25.7%	51 32.1%	62 40.3%	63 45.3%	3,048 45.9%
Injection Drug Use	1,316 26.0%	59 26.8%	53 23.9%	44 24.2%	39 20.7%	50 27.9%	33 20.8%	26 16.9%	19 13.7%	1,654 24.9%
MSM & IDU	208 4.1%	6 2.7%	6 2.7%	10 5.5%	6 3.2%	7 3.9%	8 5.0%	3 1.9%	4 2.9%	263 4.0%
Rec. of blood/prod.	64 1.3%	2 0.9%	0 0.0%	1 0.5%	1 0.5%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	69 1.0%
Heterosexual	420 8.3%	27 12.3%	31 14.0%	20 11.0%	33 17.6%	25 14.0%	22 13.8%	17 11.0%	11 7.9%	618 9.3%
Sex w/IDU	172 3.4%	6 2.7%	11 5.0%	5 2.7%	11 5.9%	6 3.4%	7 4.4%	4 2.6%	1 0.7%	226 3.4%
Sex w/Bi Male	5 0.1%	0 0.0%	1 0.5%	0 0.0%	1 0.5%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	8 0.1%
Sex w/bld/prdt recip.	3 0.1%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 0.1%
Sex w/HIV/AIDS	240 4.7%	21 9.5%	19 8.6%	15 8.2%	19 10.1%	19 10.6%	14 8.8%	13 8.4%	10 7.2%	379 5.7%
Undetermined/Other	499 9.8%	47 21.4%	63 28.4%	49 26.9%	47 25.0%	51 28.5%	43 27.0%	43 27.9%	41 29.5%	923 13.9%
Presumed Hetero-Unk risk of partner***	338 6.7%	41 18.6%	48 21.6%	36 19.8%	38 20.2%	33 18.4%	24 15.1%	29 18.8%	33 23.7%	647 9.7%
Undetermined/Other****	161 3.2%	6 2.7%	15 6.8%	13 7.1%	9 4.8%	18 10.1%	19 11.9%	14 9.1%	8 5.8%	276 4.2%
Pediatric	60 1.2%	0 0.0%	2 0.9%	1 0.5%	1 0.5%	0 0.0%	1 0.6%	3 1.9%	1 0.7%	72 1.1%
TOTAL (% of total)	5,069 76.3%	220 3.3%	222 3.3%	182 2.7%	188 2.8%	179 2.7%	159 2.4%	154 2.3%	139 2.1%	6,647 100.0%

*Due to prolonged reporting delays from regulation changes, 2006 numbers are still considered preliminary.

**Row totals include cases diagnosed in 2007 & 2008.

*** Risk of partner unknown and primary risks denied; definition revised 7/1/99.

****Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

& Boston Cases do not include prisoners.